

## ABSTRACT

The present invention provides a novel method of significantly promoting the ratio of homologous recombination in desirable cells. In order to enhance the ratio of homologous recombination in desirable cells such as eukaryotic cells, mutation is introduced into genes encoding factors necessary for non-homologous recombination, such as Ku70 or Ku80, or the above genes are disrupted, so as to cause the loss of the functions thereof. At the time, foreign DNA is introduced into the cells via the electroschock method or the like, so as to carry out homologous recombination, thereby promoting the frequency of homologous recombination in the cells.